

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101320\
 Data File : VN064097.D
 Acq On : 13 Oct 2020 12:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/14/2020 2:09:09 PM

Quant Time: Oct 14 03:52:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	268978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	428152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	407787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	192156	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	200451	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	
35) Dibromofluoromethane	7.55	113	143860	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
50) Toluene-d8	10.06	98	546389	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
62) 4-Bromofluorobenzene	12.38	95	207240	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	113470	39.980	ug/l	97
3) Chloromethane	2.04	50	144730	43.460	ug/l	99
4) Vinyl Chloride	2.16	62	143783	43.012	ug/l	99
5) Bromomethane	2.52	94	90233	42.914	ug/l	92
6) Chloroethane	2.67	64	95713	47.916	ug/l	98
7) Trichlorofluoromethane	2.98	101	235045	44.334	ug/l	99
8) Diethyl Ether	3.37	74	90386	50.410	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	130855	46.178	ug/l	97
10) Methyl Iodide	3.91	142	160113	48.663	ug/l	99
11) Tert butyl alcohol	4.72	59	143126	291.737	ug/l	99
12) 1,1-Dichloroethene	3.69	96	122132	45.091	ug/l	99
13) Acrolein	3.56	56	74492	247.397	ug/l	99
14) Allyl chloride	4.28	41	261004	51.869	ug/l	90
15) Acrylonitrile	4.92	53	403184	287.105	ug/l	98
16) Acetone	3.77	43	380508	278.166	ug/l	100
17) Carbon Disulfide	4.01	76	317689	43.488	ug/l	99
18) Methyl Acetate	4.27	43	214656	60.438	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	500065	50.817	ug/l	99
20) Methylene Chloride	4.50	84	153163	48.886	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	137334	45.267	ug/l	95
22) Diisopropyl ether	5.90	45	565821	54.653	ug/l	97
23) Vinyl Acetate	5.84	43	2323449	270.925	ug/l	98
24) 1,1-Dichloroethane	5.79	63	295690	49.951	ug/l	100
25) 2-Butanone	6.78	43	583525	300.884	ug/l	100
26) 2,2-Dichloropropane	6.77	77	258330	47.654	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	167352	47.963	ug/l	98
28) Bromochloromethane	7.15	49	151208	51.682	ug/l	95
29) Tetrahydrofuran	7.16	42	384885	295.901	ug/l	96
30) Chloroform	7.33	83	303840	49.227	ug/l	96
31) Cyclohexane	7.61	56	234342	45.425	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	264942	47.590	ug/l	99
36) 1,1-Dichloropropene	7.75	75	210508	48.531	ug/l	99
37) Ethyl Acetate	6.88	43	240884	55.897	ug/l	98
38) Carbon Tetrachloride	7.73	117	228821	47.044	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	202861	46.898	ug/l	98
40) Benzene	8.00	78	635309	51.279	ug/l	100
41) Methacrylonitrile	7.12	41	110697	57.796	ug/l #	70
42) 1,2-Dichloroethane	8.08	62	255834	48.375	ug/l	100
43) Isopropyl Acetate	8.12	43	396627	55.798	ug/l	99
44) Trichloroethene	8.80	130	159667	49.186	ug/l	97
45) 1,2-Dichloropropane	9.08	63	178452	53.334	ug/l	97
46) Dibromomethane	9.17	93	116039	50.272	ug/l	99
47) Bromodichloromethane	9.37	83	244987	51.499	ug/l	100
48) Methyl methacrylate	9.16	41	203764	58.021	ug/l	89
49) 1,4-Dioxane	9.16	88	60171	1205.534	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1244699	298.385	ug/l	99
52) Toluene	10.12	92	392490	51.217	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	268806	52.714	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	279573	52.424	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	160924	52.364	ug/l	99
56) Ethyl methacrylate	10.40	69	244869	56.212	ug/l	94
57) 1,3-Dichloropropane	10.68	76	274916	52.875	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	661098	283.715	ug/l	98
59) 2-Hexanone	10.72	43	912050	294.322	ug/l	99
60) Dibromochloromethane	10.87	129	184322	51.501	ug/l	99
61) 1,2-Dibromoethane	10.98	107	165053	52.504	ug/l	99
64) Tetrachloroethene	10.60	164	144763	45.885	ug/l	99
65) Chlorobenzene	11.41	112	417439	49.903	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	164738	51.370	ug/l	99
67) Ethyl Benzene	11.48	91	771878	50.711	ug/l	100
68) m/p-Xylenes	11.60	106	575279	101.408	ug/l	100
69) o-Xylene	11.92	106	271862	51.273	ug/l	100
70) Styrene	11.94	104	475262	52.804	ug/l	98
71) Bromoform	12.10	173	125475	51.159	ug/l #	97
73) Isopropylbenzene	12.22	105	737158	52.595	ug/l	99
74) N-amyl acetate	12.05	43	354321	54.197	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	236563	55.196	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	215612m	50.901	ug/l	
77) Bromobenzene	12.50	156	179627	52.231	ug/l	99
78) n-propylbenzene	12.57	91	852149	52.242	ug/l	100
79) 2-Chlorotoluene	12.65	91	520517	51.887	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	620027	52.730	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	83368	56.686	ug/l	95
82) 4-Chlorotoluene	12.75	91	552181	53.022	ug/l	99
83) tert-Butylbenzene	12.97	119	495632	51.531	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	619554	52.774	ug/l	97
85) sec-Butylbenzene	13.15	105	659210	52.182	ug/l	100
86) p-Isopropyltoluene	13.26	119	587706	52.588	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	319171	51.299	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	317062	48.943	ug/l	99
89) n-Butylbenzene	13.59	91	486231	47.139	ug/l	99
90) Hexachloroethane	13.85	117	111272	51.381	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	317742	51.560	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	50599	50.341	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	141342	42.451	ug/l	99
94) Hexachlorobutadiene	14.98	225	86817	51.956	ug/l	99
95) Naphthalene	15.10	128	414044	40.321	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	143215	44.251	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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